

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L2    | 595  | yong with chang.in.   | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2010/01/27<br>20:00 |
| L3    | 127  | synchronization and 2   | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2010/01/27<br>20:00 |
| S1    | 5    | ("20010043577"  <br>"20030009337"  <br>"20030027595"  <br>"20030064725"  <br>"6570871").PN. | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/10/26<br>15:26 |
| S2    | 117  | mgw same bsc  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/26<br>15:27 |
| S3    | 29   | synchroniz\$6 and S2  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/26<br>15:27 |
| S4    | 4    | S3 and @ad<"20030711"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/26<br>15:28 |
| S5    | 3    | S3 and @rlad<"20030711"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/26<br>15:28 |
| S6    | 6    | S4 S5   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/26<br>15:28 |
| S7    | 48   | delay and S2  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/26<br>15:33 |
| S8    | 10   | S7 and @ad<"20030711"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/26<br>15:33 |

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| S9  | 3    | S7 and @rlad< "20030711"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:33 |
| S10 | 12   | S8 S9   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:33 |
| S11 | 2    | (delay synchroniz\$6) and<br>S1                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:42 |
| S12 | 15   | "forward delay" and<br>"reverse delay" and<br>synchroniz\$6         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:43 |
| S13 | 1    | S12 and @rlad< "20030711"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:43 |
| S14 | 6    | S12 and @ad< "20030711"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:43 |
| S15 | 6    | S13 S14   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:43 |
| S16 | 2    | "forward delay" and<br>"reverse delay" and ("media<br>gateway" mgw) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:44 |
| S17 | 1813 | delay and ("media gateway"<br>mgw)                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:45 |
| S18 | 238  | delay and ("media gateway"<br>mgw) and bsc                          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:45 |

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| S19 | 57  | S18 and @rlad<"20030711"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:46 |
| S20 | 83  | S18 and @ad<"20030711"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:46 |
| S21 | 96  | S19 S20   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>15:46 |
| S22 | 8   | request\$4 with synchroniz<br>\$6 with ("media gateway"<br>mgw) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:28 |
| S23 | 138 | "expected arrival" with<br>"actual arrival"                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:48 |
| S24 | 1   | S2 and S23  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:48 |
| S25 | 15  | "expected arrival" with<br>"actual arrival" with delay          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:48 |
| S26 | 1   | S25 and @rlad<"20030711"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:49 |
| S27 | 9   | S25 and @ad<"20030711"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:49 |
| S28 | 9   | S26 S27   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:49 |

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| S29 | 0     | "cell delay variation" and S2   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:52 |
| S30 | 860   | "cell delay variation"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:52 |
| S31 | 14    | "cell delay variation" and<br>bsc   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:52 |
| S32 | 7     | S31 and @riad<"20030711"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:52 |
| S33 | 14    | S31 and @ad<"20030711"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:52 |
| S34 | 14    | S32 S33   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/26<br>16:52 |
| S35 | 14    | "cell delay variation" and<br>bsc   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/07<br>21:34 |
| S36 | 2     | ("base station controller"<br>bsc) same ("media<br>gateway" mgw) same (pate<br>"packet arrival time error") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>13:14 |
| S37 | 10892 | (pate "packet arrival time<br>error")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>13:17 |
| S38 | 25    | ("packet arrival time error")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>13:18 |

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| S39 | 13 | S38 and @rlad<"20030711"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>13:18 |
| S40 | 10 | S38 and @ad<"20030711"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>13:18 |
| S41 | 17 | S39 S40  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>13:18 |
| S42 | 0  | ("base station controller"<br>bsc) and ("media gateway"<br>mgw) and S41  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>14:19 |
| S43 | 3  | ("base station controller"<br>bsc "media gateway" mgw)<br>and S41  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>14:20 |
| S44 | 8  | ("base station controller"<br>bsc) same ("media<br>gateway" mgw) same<br>(synchronization synchroniz<br>\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>16:07 |
| S45 | 0  | S44 and @rlad<"20030711"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>16:07 |
| S46 | 0  | S44 and @ad<"20030711"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>16:07 |
| S47 | 3  | ("base station controller"<br>bsc) same ("media<br>gateway" mgw) same<br>(adjust\$4 with time)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/23<br>16:08 |
| S48 | 11 | ("20010053971"  <br>"20020101839"  <br>"20030076793"  <br>"20030169729"  <br>"20040203448"   "5414796"<br>  "5729536"   "6510142"  <br>"6515985"   "6574213"  <br>"6590885").PN. | US-PGPUB;<br>USPAT                                      | OR | ON | 2009/04/23<br>16:13 |

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| S49 | 5596 | 370/503,507-509.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/17<br>23:47 |
| S50 | 2    | ("base station controller"<br>bsc) and ("media gateway"<br>mgw) and S49 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/17<br>23:48 |
| S51 | 2474 | delay and S49   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/17<br>23:49 |
| S52 | 2147 | synchroniz\$6 and S51   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/17<br>23:49 |
| S53 | 118  | ("base station controller"<br>bsc "media gateway" mgw)<br>and S52       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/11/17<br>23:50 |

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